


RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
REPORT OF PROPERTY AND WELL TRANSFER

Field or county Cat Canyon, Paris Valley & San Ardo		District: Coastal District -Orcutt	
Former owner Vintage Production California LLC		Opcode: V1370	Date 3/25/16
Name and location of well(s) <u>See Attached list of wells</u>			
Date of transfer, sale, assignment, conveyance, or exchange 12 - 1 -2014	New Owner California Resources Production Corporation	Operator code C0885	Type of Organization Corporation
	Address 11117 River Run Boulevard Bakersfield, CA 93311		Telephone No. (661) 412-5000
Reported by Vintage Production California LLC			
Confirmed by California Resources Production Corporation			
New operator new status PI	Request Designation of Agent Robert J. Bordenave, Jr		
Old operator new status AB	Remarks		
District Deputy Patricia A. Abel		Signature 	


OPERATOR STATUS ABBREVIATIONS

FORM AND RECORD CHECK LIST

PA - Producing Active	FORM AND RECORD CHECK LIST					
NPA - No Potential Active	Form or record	Initials	Date	Form or record	Initials	Date
PI - Potential Inactive	Form OGD121			Map and Book		
NPI - No Potential Inactive	Well records	AR	3/25/16	Lease Files		
Ab - Abandoned or No More Wells	New well cards			Well Stat	SR	4-5-16
PA:ar	Bond Status	AR	3/25/16	District Computer Files	AR	3/25/16
cc: Vintage Production California LLC						
Santa Barbara County						

Conservation Committee
Transfer File
Carvern James- HQ
Well Files (257)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
REPORT OF PROPERTY AND WELL TRANSFER

Field or county Cat Canyon Field		District: 3 - SANTA MARIA	
Former owner Greka Oil & Gas, Inc.	Opcode: G3520	Date January 28, 2009	
Name and location of well(s)			
<p><u>Sec. 23 T. 9N, R. 33W S.B. B&M</u> "Bradley" Lease</p> <p><u>Sec. 14 T. 9N, R. 33W S.B. B&M</u> "California" Lease & "United California"</p>			
Description of the land upon which the well(s) is (are) located Cat Canyon Field, "Bradley", "California" and "United California" Leases, Santa Barbara County, CA			
Date of transfer, sale, assignment, conveyance, or exchange 1-1-2009	New Owner Vintage Production California LLC Address 9600 Ming Avenue, Suite 300 Bakersfield, CA 93311	Operator code V1370	Type of Organization LLC Telephone No. (661) 869-8000
Reported by Greka Oil & Gas, Inc.			
Confirmed by Vintage Production California LLC			
New operator new status PA	Request Designation of Agent		
Old operator new status PA	Remarks All wells whether inactive, shut in, idle, abandoned, or unknown, including but not limited to the wells listed on. Exhibit "A" attached hereto, located on the following leases listed above.		
Deputy Supervisor Patricia A. Abel		Signature 	

OPERATOR STATUS ABBREVIATIONS

PA - Producing Active	FORM AND RECORD CHECK LIST					
NPA - No Potential Active	Form or record	Initials	Date	Form or record	Initials	Date
PI - Potential Inactive	Form OGD121			Map and Book		
NPI - No Potential Inactive	Well records			Lease Files		
Ab - Abandoned or No More Wells	New well cards			Well Stat		
PAA:cb	Bond Status			District Computer Files		
cc: Greka Oil & Gas, Inc.						
Vintage Production Calif. LLC						

Santa Barbara County
Cons. Committee Transfer File
Harold Bertholf Carmen Myers

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
REPORT OF PROPERTY AND WELL TRANSFER

Field or county <u>Cat Canyon</u>		District 3 - SANTA MARIA	
Former owner <u>Greka SMV, Inc.</u>		Opcode: <u>G3520</u>	Date <u>July 14, 2003</u>
Name and location of well(s)			
<u>Sec. 15, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 27, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 1, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 11, T. 9N, R. 33W, S.B. B&M</u> All Wells
<u>Sec. 17, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 34, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 2, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 12, T. 9N, R. 33W, S.B. B&M</u> All Wells
<u>Sec. 21, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 35, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 31, T. 9N, R. 32W, S.B. B&M</u> All Wells	<u>Sec. 14, T. 9N, R. 33W, S.B. B&M</u> All Wells
<u>Sec. 22, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 36, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 32, T. 9N, R. 32W, S.B. B&M</u> All Wells	
<u>Sec. 23, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 4, T. 9N, R. 32W, S.B. B&M</u> All Wells	<u>Sec. 2, T. 9N, R. 33W, S.B. B&M</u> All Wells	
<u>Sec. 26, T. 9N, R. 33W, S.B. B&M</u> All Wells	<u>Sec. 5, T. 9N, R. 32W, S.B. B&M</u> All Wells	<u>Sec. 10, T. 9N, R. 33W, S.B. B&M</u> All Wells	

Description of the land upon which the well(s) is (are) located

Date of transfer, sale, assignment, conveyance, or exchange <u>6/17/2004</u>	New Owner <u>Greka Oil & Gas, Inc.</u>	Operator code <u>G3515</u>	Type of Organization <u>Corp.</u>
	Address <u>6527 Dominion Road</u> <u>Santa Maria, California 93454</u>		Telephone No. <u>(805) 347-8700</u>

Reported by Greka SMV, Inc.

Confirmed by Greka Oil & Gas, Inc.

New operator new status (status abbreviation) <u>PA</u>	Request Designation of Agent
Old operator new status (status abbreviation) <u>PA</u>	Remarks

Deputy Supervisor
William E. Brannon

Signature

William E. Brannon

OPERATOR STATUS ABBREVIATIONS

PA - Producing Active
NPA - No Potential Active
PI - Potential Inactive
NPI - No Potential Inactive
Ab - Abandoned or No More Wells
WEB:hc
cc: Cons. Committee
Greka Oil & Gas, Inc.
Santa Barbara County
Greka SMV, Inc.
Harold Berthoff

FORM AND RECORD CHECK LIST

Form or record	Initials	Date	Form or record	Initials	Date
Form OGD121	<u>Em</u>	<u>7/04</u>	Map and Book <u>310</u>	<u>JC</u>	<u>7/17/04</u>
Well records	<u>Em</u>	<u>7/04</u>	Lease Files		
New well cards			Well Stat	<u>HQ</u>	<u>7/04</u>
Bond Status	<u>HC</u>	<u>7/04</u>	District Computer Files	<u>HQ</u>	<u>7/04</u>

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
REPORT OF PROPERTY AND WELL TRANSFER

Field or county <u>Cat Canyon</u>		District 3 - SANTA MARIA	
Former owner <u>Vintage Petroleum, Inc.</u>		Opcode: <u>V1350</u>	Date <u>August 27, 2002</u>
Name and location of well(s)			
<u>Sec. 2, T. 9N, R. 33W, S.B. B&M</u> All Wells		<u>Sec. 17, T. 9N, R. 33W, S.B. B&M</u> All Wells	
<u>Sec. 10, T. 9N, R. 33W, S.B. B&M</u> All Wells		<u>Sec. 21, T. 9N, R. 33W, S.B. B&M</u> All Wells	
<u>Sec. 11, T. 9N, R. 33W, S.B. B&M</u> All Wells		<u>Sec. 22, T. 9N, R. 33W, S.B. B&M</u> All Wells	
<u>Sec. 12, T. 9N, R. 33W, S.B. B&M</u> All Wells		<u>Sec. 23, T. 9N, R. 33W, S.B. B&M</u> All Wells	
<u>Sec. 14, T. 9N, R. 33W, S.B. B&M</u> All Wells			
<u>Sec. 15, T. 9N, R. 33W, S.B. B&M</u> All Wells			
Description of the land upon which the well(s) is (are) located			
Date of transfer, sale, assignment, conveyance, or exchange <u>7/01/2002</u>	New Owner <u>Greka SMV, Inc.</u>	Operator code <u>G3520</u>	Type of Organization Corp.
	Address <u>3201 Airpark Drive, Suite 201</u> <u>Santa Maria, California 93455</u>		Telephone No. <u>(805) 347-8700</u>
Reported by <u>Vintage Petroleum, Inc.</u>			
Confirmed by <u>Greka SMV, Inc.</u>			
New operator new status (status abbreviation) <u>PA</u>	Request Designation of Agent		
Old operator new status (status abbreviation) <u>PA</u>	Remarks		
Deputy Supervisor <u>William E. Brannon</u>		Signature <i>William E. Brannon</i>	

OPERATOR STATUS ABBREVIATIONS

PA - Producing Active	FORM AND RECORD CHECK LIST					
NPA - No Potential Active	Form or record	Initials	Date	Form or record	Initials	Date
PI - Potential Inactive	Form OGD121	HC	8/27/02	Map and Book	RB	8/31/02
NPI - No Potential Inactive	Well records	HC	8/27/02	Lease Files		
Ab - Abandoned or No More Wells	New well cards	HC	8/02	EDP	HC	
WEB:hc	Bond Status	HC	8/27/02	District Computer Files	RB	8/29/02
cc: Cons. Committee						
Vintage Petroleum, Inc.						

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

Santa Maria, California

January 31, 1974

Mr. H. D. Haley, Agent
Continental Oil Company
180 N. Ashwood Ave.
Ventura, CA 93003

DEAR SIR:

Your report of abandonment of Well No. "United California" 4,
Sec. 14, T. 9N, R. 33W, S.B. B. & M., Cat Canyon field,
Santa Barbara County, dated Nov. 21, 1973, received Nov. 26, 1973,
has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division,
which are based on all information filed with it, have been fulfilled.

Map No.	Map Letter	Bond No.	Perms		
			118	114	121
					1-31-74 mjm

Blanket Bond

mjn

cc: Conservation Committee

JOHN F. MATTHEWS, JR.
State Oil and Gas Supervisor

By

John F. Matthews, Jr.
Deputy Supervisor

RECORDS RECEIVED

Date Received 11-26-73
Well Summary (Form 100) _____
History (Form 103) X
Core Record (Form 101) _____
Elec. Log - Lge. Small
Direct. Survey _____
Sidewall Samples _____
Other _____

Notice of Records Due
Form 170 _____

Date Final Records Received _____

ENGINEER'S CHECK LIST

1. Summary, History, &
Core record (dupl.) ✓
2. Electric Log _____
3. Operator's Name ✓
4. Signature ✓
5. Well Designation ✓
6. Location _____
7. Elevation _____
8. Notices ✓
9. "T" Reports ✓
10. Casing Record _____
11. Plugs ✓
12. Surface Inspection ✓ *ok gpc*
13. Production _____

RECORDS NOT APPROVED
Reason: _____

RECORDS APPROVED ✓ *gpc*

RELEASE BOND
Date Eligible _____
(Use date last needed records were
received.)

MAP & MAP BOOK 310 11-26-73 *gpc*

STATUS

Producing - Oil _____
Idle - Oil _____
Abandoned - Oil ✓ 10-13-73
Drilling - Idle _____
Abandoned - Dry Hole _____
Producing - Gas _____
Idle - Gas _____
Abandoned - Gas _____
Gas - Open to Oil Zone _____
Water Flood Source _____
Water Disposal _____
Water Flood _____
Steam Flood _____
Fire Flood _____
Air Injection _____
Gas Injection _____
CO₂ Injection _____
LPG Injection _____
Observation _____

RECOMPLETEDCLERICAL CHECK LIST

1. Location change (F-165) _____
2. Elevation change (F-165) _____
3. Form 121 _____
4. Form 159 (Final Letter) _____
5. Form 150b (Release of Bond) _____

Continental Oil Company
"United California" 4
(083-01705)

*Make sfc insp before typing
final letter.*

DIVISION OF OIL AND GAS
 RECEIVED

DIVISION OF OIL AND GAS

NOV 26 1973

History of Oil or Gas Well

Santa Maria, California

OPERATOR Continental Oil ✓ FIELD Cat Canyon ✓

Well No. United California # 4 ✓, Sec. 14, T. 9N, R. 33W, S.B. B. & M. ✓

Date November 21, 1973, 19
180 N. Ashwood Ave.

Signed [Signature] ✓

Ventura, Calif. 93003 (Address) (805) 642-8154 (Telephone Number) Title Division Manager of Production
 (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date

PLUG AND ABANDONMENT RECORD

Casing Record

16" 39' cmtd to surface ✓
 7" 3435' cmtd to surface WSO @ 3360' ✓
 5" Liner 3382' - 3795'. Preslotted 80M x 12R 3452' - 3795'.
 TOTAL DEPTH 3795'

WORK DONE

- 10-12-73 to 10-13-73
1. With tubing @ 3616' attempted to change over to lease water. Pumped 310 bbls lease water. No. returns. B-J mixed and pumped 100 CuFt Class G, 40% Silica Flour, 3% CaCl₂. Preceded by 20 CuFt fresh water & followed by 10 CuFt fresh water. Displaced w/45 CuFt lease water. Tubing on vacuum. Pulled up 17 stands. Cmt in place 10:40 pm. Shut down WOC. Ran in & tagged hard cmt @ 3373', 9' above top of liner. W/tubing @ 3370' mixed & pumped 70 CuFt Class G w/3% CaCl₂. Displaced w/90 CuFt fresh water. Full returns to surface. Top of cmt estimated @ 3036'. Wit & app by D.O.G. w/tubing @ 3025' changed over to mud. W/tubing @ 60' pumped in 13 CuFt Class G, Cmt to surface. Approved by county D.O.P.

Cutt off casing. Weld on Steel Plate.

HOLE PLUGGED & ABANDONED.

Location: 1650' FNL & 990 FWL. SEC 14 T 9 N, R33W, SBB&M.

Map No.	Map Letter	Bond No.	Forms
			121
			11-26-73 [Signature]

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

Report on OperationsNo. T 373-381

Mr. H. D. Haley, Agent
Continental Oil Company
180 N. Ashwood Ave.
Ventura, California 93003

Santa Maria, Calif.
October 24, 1973

DEAR SIR:

Operations at well No. "UNITED CALIFORNIA" 4, API No. (083-01705), Sec. 14, T. 9N, R. 33W,
S.B., B & M. Cat Canyon Field, in Santa Barbara County, were witnessed
on 10-13-73. Mr. M. Schrecongost, representative of the supervisor was
present from 0800 to 0900. There were also present J. Deevers, rig foreman and
W. Miranda, driller

Present condition of well: 7" cem. 3435', perf. 3360' WSO; 5" ld. 3382'-3795', perfs.
3452'-3795' T.D. 3795' Plugged with cement 3616'-2932' ±
3036

The operations were performed for the purpose of witnessing plugging operations in the
process of abandonment.

DECISION: THE PLUGGING OPERATIONS AS REPORTED AND WITNESSED ARE APPROVED.

- 1-29-74 gfk stc. insp.
1. No seepage oil, gas or water.
 2. Oil field debris removed.
 3. Graded over, new well on loc.
 4. Site restored ok.

MS:mjn

JOHN F. MATTHEWS, JR.
State Oil and Gas Supervisor

By Steve Greer

Deputy

Cementing/Plugging Memo

T373-381 JVR

Company Continental Oil Co.
 Well No. "United California" 4 Sec. 14, T. 9N, R. 33W, 5B B&M
 Field Cat Canyon, County Santa Barbara. On 10-13-73,
 Mr. M. Schrecongost, designated by the supervisor was present from 0800 to 0900
 as prescribed by law; there were also present J. Deavers, rig man & W. Miranda driller
 Casing record of well: 7" cem. 3435' perf 3360' w.s.o.; 5" id. 3382'-3795'; perfs
3452'-3795' T.D. 3795' Plugged with cement 3616'-2932'±

The operations were performed for the purpose of witnessing plugging operations in
the process of abandonment

☒ The plugging/cementing operations as reported and witnessed are approved.

☐ The location and hardness of the cement plug @ _____' is approved.

Hole size: _____" fr. _____' to _____', _____' to _____" & _____" to _____'

Casing				Cemented			Top of Fill		Squeezed	Final	
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing	Away	Press.	Perfs.

Casing/tubing recovered: _____" shot/cut at _____', _____', _____' pulled fr. _____';
 _____" shot/cut at _____', _____', _____' pulled fr. _____'.

Junk (in hole): _____

Hole fluid (bailed to) at _____'. Witnessed by _____

Mudding	Date	Bbls.	Displaced	Poured	Fill	Engr.

Cement Plugs		Placing MO & Depth	Placing Witnessed		Top Witnessed			
Date	Sx./cu.ft.		Date & Time	Engr.	Depth	Wt./Sample	Date & Time	Engr.
10-12-73	100	16g 3616	rptd. by J. Deavers		3373	all wt	10-13-73 0800	M.S.
* 10-12-73	90 70 ft	16g 3373	← ← ← ←		Calculated fill 450 ft to 2932' 3036			

* engineer not available to witness 2nd stage

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P. 373-338

Mr. H. D. Haley, Agent
Continental Oil Company
180 North Ashwood
Ventura, CA 93003

Santa Maria Calif.
October 9, 1973

DEAR SIR:

(083-01705)

Your proposal to abandon Well No. "United California" 4,
Section 14, T. 9N, R. 33W, S.B.B. & M., Cat Canyon Field, Santa Barbara County,
dated 10-8-73, received 10-9-73, has been examined in conjunction with records filed in this office.

DECISION: THE PROPOSAL IS APPROVED.

Blanket bond
JLZ:db

10-13-73

Cons. Roberts

3373

Plug re-computed @ 9' above liner.
Will add another 90 ft. 3 v.t. to
proceed. Will witness it insp. available

JOHN F. MATTHEWS, Jr., State Oil and Gas Supervisor

By John F. Matthews, Jr., Deputy

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED

OCT 9 1973

Santa Maria, California

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Ventura, Calif. October 8, 1973

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. United California No. 4, Sec. 14, T. 9N, R. 33W, S.B. B. & M., Cat Canyon Field, Santa Barbara County, commencing work on As soon as possible. 1973.

The present condition of the well is:

1. Total depth: 3795'
2. Complete casing record, including plugs:
7" csg. @ 3435' (W.S.O. @ 3360')
5" Liner 3382'-3795'

Additional data for dry hole

4. Oil or gas showings and results of tests:

3. Last produced 6-8-73 19 None 1
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

6. Age of formation at bottom:

7. Base of fresh water sands:

The proposed work is as follows:

1. Move in and rig up.
2. Pull rods, pump and tubing.
3. Run in hole and open ended tubing with 200' 2" tail and circulate fill out to 3795', if possible. Bad spot in 5" reported on 10-21-65. It took 70,000 lbs. to push 2 1/2" collar through and 30,000 lbs. to pull back. On 7-6-66, a bailer was run to 3608' and could not make any more hole.
4. Break circulation and pump in 97 cubic feet Class G cement with 40% silica flour. Calculated cement top is 3148' after pulling up tubing.
5. Pull up to 3100'. D.O.G. to witness top and hardness of plug.
6. Leave heavy fresh water mud in hole.
7. Lay surface cement plug from 60' to surface, (13 cubic feet).
8. Cut off casing six feet below ground surface and weld plate on.
9. Move off.

Map No.	Map Letter	Bond No.	Forms		
			115	114	121
		<i>Blanket</i>			<i>10-9-73</i>

10-9-73
OK to start
MS

180 North Ashwood Ave., Ventura, Calif.

Continental Oil Company

(Address)

93003

(Name of Operator)

642-8154

By

(Telephone No.)

DOG (Santa Maria) 2, DOP (Santa Maria) 2, Expl. 1, File 1.

9

MAP & BOOK

Continental Oil Company
"United California" 4

STATUS

Completed Producing X Sept. 13, 1964
Recompleted Producing _____
Completed Abandoned _____
Uncompleted Abandoned _____
Idle _____

RECORDS

Received _____ Needed _____

✓ Well Summary _____
✓ History _____
✓ Log & Core _____
✓ Lge Sm Elec Log(s) _____ Lge Sm _____
Direct. Survey _____
Other _____

Location ✓ _____
Elevation ✓ _____
Release bond ✓ _____
Hold bond Reason _____
Final letter _____
150b _____
170 _____
121 _____
Card _____

map & book
10-30-64
all

ENGINEERS

1. Log, history & core record (dupl) ✓
2. Electric log ✓
3. Operator name & well designation ✓
4. Location _____
5. Elevation ✓
6. Signature ✓
7. Notices ✓
8. "T" reports ✓
9. Casing record ✓
10. Plugs _____
11. Production ✓
12. Wildcat cards _____
13. Map and Book _____
14. Surface Inspection _____

APPROVED ✓ ~~NOT~~ APPROVED FOR THE FOLLOW-

ING REASON O.K. all

10-30-64

NEW WELL COMPLETION AND/OR ABANDONMENT RECORD

A. F. E. No. 7-61-916

13-67-8
1 Dist. Pacific Coast Field Cat Canyon Lease United California Well No. 4
2 Co. Santa Barbara State Calif. Contractor Newton Drilling Co. T.D. 3795' P.D. ft.
3 Landing Flange Elev. 717 ft. Depth Measured From K.B. Height of Measuring Point from Landing Flange 11 ft.
4 Date: Spudded 9-8-64 Drilling Completed 9-13-64 Tested 9-23-64 Rig Released 9-15-64

CASING, LINER AND TUBING RECORD

SIZE O. D. IN.	WT. LB./FT.	THREADS NO. & TYPE	GRADE AND MAKE	NEW OR S. H.	E. L. L. W. SMLS.	DEPTH SET FT.	MEASUREMENTS INC. THREADS			TOP OF LINER	NO. OF JOINTS	HOLE SIZE
							QUANTITY SET	QUANTITY PULLED	QUANTITY LEFT IN HOLE			
16	42.05	P.E.	-	N	Smls		39				1	
7	26	Buttress	J-55	N	"		2417				57	
7	26	X-Line	N-80	N	"		293				7	
7	26	Buttress	N-80	N	"	3435	733				17	9-7/8"
5	17.93	Vetco FJ	J-55	N	"	3795	418			3382	10	12"
2-7/8"	6.5	8 rd EUE	J-55	N	"	3342	3319				104	

CEMENTING RECORD

METHOD	MAKE AND TYPE CEMENT	SACKS USED	SQUEEZED AWAY	NO. OF BATCHES	FINAL PRESSURE	SLURRY VOL. CU. FT.	HOURS SET	DEPTH		REMARKS: TEMP. CALIPER, OTHER LOGS
								FROM	TO	
Bulk	Vic. "G" cmt. Pozlan Silica flour CaCl	682 360 256 8				1500	cu. ft.	3435	0	Returns to surface - laminar flow

Salt 7 ACIDIZATION AND SHOT RECORD

DATE	PRODUCTION OR P. I.		HOW TEST MADE	GAL. ACID	SHOT QTS.	DEPTH		NAME OF ZONE	TYPE FORMATION	REMARKS
	BEFORE	AFTER				FROM	TO			

SECTION PERFORATED

NAME OF PAY	DEPTH		SIZE OF HOLE	HOLES PER FOOT	DATE	SERVICE CO. OR TYPE SLOTS	REMARKS
	FROM	TO					
Sisquoc	3452	3795				80M x 2"5x 4"t x 12 rows Bridge slot	Circulating slots omitted

PRODUCING EQUIPMENT

29 MOOB: Number 108 Size 7/8 in. Number Size in. Total Singles 108 Length 3240 ft.
30 PUMP: Size 2-1/2x2x18 Plunger Diam. 2" Make Axelson Type RWA
31 PUMPING UNIT: Make Dynaquip Type V36 DB Stroke 120 in. @ SPM; Beam Capacity 13,000 lb.
32 Torque @ 20 SPM in. lbs.; Gear Box H.P.; Prime Mover Make
33 H.P. @ RPM; Other Remarks
34 GAS ANCHOR
35 OTHER LIFT EQUIPMENT
36 {ALSO SEE SKETCH
ON REVERSE SIDE}
37 PACKER: Set at ft. Make

PRODUCING STRATA

NAME	TOP	BASE	POROSITY %	PERM. MD.	NET THICKNESS FT.	REMARKS: STATE CONTENTS OF ALL PRODUCING STRATA, O. G. & W. GIVING FLUID CONTACTS, D. S. T., ETC.
Sisquoc	3471	3795	35	-	-	Oil and gas

43 REMARKS: Location: 1650'S and 990'E from NW corner Section 14, T. 9N., R. 33W., S.B.B. & M.

Map No.	Map Letter	Send No.	Forms		
			115	114	121

DIVISION OF OIL AND GAS
RECEIVED

OCT 29 1964

SANTA MARIA, CALIFORNIA

56 Estimate Total Cost \$ 50,200 Conoco Interest 100 % Operated by
57 Potential 47 b/d-Mcf/d @ #TP and #CP on 24 Hr. Test Meas. ☒ Perfor. ☐ Flowable b/d
58 Other Production or Well Test Results
59
60 Signed District Superintendent
61 Signed Division Superintendent
62 Signed Mark B. Webster Dist. Region Manager
63 Signed Mark B. Webster District Engineer
64 Prepared by WMS-JRW-WKD Date 10-21-64
DISTRIBUTED TO
Mgr. P. & D. MHD Acct'g CES
Region EAA District File
Others D.O.G. (2) ☒
Santa Maria

(over)

CONTINENTAL OIL COMPANY
 United California Well No. 4
 Section 14, T. 9N., R. 33W., S.B.B. & M., Santa Barbara County

CASING DATA

16", 42#, PE cond. at 39'
 7", 26#, Buttress and X-line, N-80 and J-55 at 3435' with Baker shoe.
 Cmtd. with 1500 cu.ft. slurry: 682 Vic. "G" cmt., 360 sax Pozolan,
 256 sacks silica flour, 8 sacks CaCl, 7 sacks salt. Good returns to
 surface. 1500 psi FP, 9-10-64, 9-7/8" hole.
 5", 17.9#, FJ, grade J-55 liner with Baker plug shoe, Burns port collar and
 lead seal hanger, hung at 3795' with top at 3382'; 9-13-64, 12" hole.
 W.S.O. through shot holes at 3360', recovered 15' drilling fluid,
 O.K.'d by Division of Oil and Gas.

LOGS

Welex Electric Log 3435' to surface
 Welex Induction Log 3795' to 3435'

GEOLOGICAL MARKERS

Sisquoc 2587'

S₁B sand 2871'

S₈ sand 3471'

CORES

None

MUD SYSTEM

Clay Base: Weight 74, Vis. 45
 Changed to Oil Base at 3440'

HISTORY

Date	Depth	Hole	
9-8-64	1340'	9-7/8"	Spudded at 5:00 P.M., drilled.
9-9	2998'	9-7/8"	Drilled
9-10	3436'	9-7/8"	Ran E. Log, ran and cmtd. 7" casing
9-11	3672'	6-1/8"	W.S.O., drilled out, drilled ahead.
9-12	3795'	12"	Drilled 6-1/8" hole to 3795' and opened 6-1/8" to 12", ran induction log.
9-13	3795'	12"	Ran and hung 5" liner, gravel packed with 226 cu.ft. 5-7 mesh gravel
9-14	3795'	12"	Washed perforations.
9-15	3795'	12"	Ran tubing and rods, released rig at 1:00 P.M., 305 barrels load oil to recover.
9-23			I.R.: 47 BOPD, 3 BWPD
10-20-64			30-day production: 43 BOPD, 1 BWPD

14-9N-33W**

HISTORY RECORD

Sec. 14-9N-33W

COMPANY CONTINENTAL OIL COMPANY

LEASE "United California" WELL NO. 4

FIELD-AREA Cat Canyon *Cat*

COUNTY Santa Barbara

ELEV. 728'DF

SPUD. 9/8/64, 3:00 PM

COMP. 9/27/64

ABAND.

LOCATION Fr NW cor Sec. 14-9N-33W, 1650'S, 900'E

T. D. 3795'

PLUG

DATE OF ISSUE: 10/3/64

PIPE RECORD

GEOLOGICAL MARKERS

SIZE	DEPTH	CMTD. LDD.	REMARKS	
16	48	*		Top Sisquoc 2587
7	3436	*	w/1500 cu.ft. slurry	S-1B 2871
5	3795	*	406' top 3382, incl. perfs. 3452-3795	S-8 3471
2½	3333	Hung	Prod. Int: 3452-3795	

DATE	DEPTH	FORMATION - REMARKS	
9/4/64		Location.	CONTRACTOR Newton Drilling Co.
9/5/64		Location, D.O.G.	ENGINEER
9/9/64	1340	Drilling. Cemented 16' at 48'.	GEOLOGIST
9/10/64	2998	Drilling.	
9/11/64	3436	Drilled. Ran Welex electric log. Cemented 7" at 3436', w/1500 cu.ft. slurry.	Mud Baroid
9/14/64	3795	Tested WSO on 7" at 3360'. Drilled to 3795', Total Depth. Ran Welex Induction log. Ran 406' of 5"- 18lb. flush join liner, incl. perfs. 3452-3795', gravel packed with 217 cu.ft. 5-7 mesh. Washed perfs. Repacked w/9 cu.ft. gravel. Displaced mud with lease crude.	Stepout one location NW of Company's #2 completion.
9/15/64		Ran 2½" tubing hung at 3333'. Ran pump and rods.	±3900' test
9/16/64		Moved out equipment 9/15/64. Installed pump.	
9/21/64		Returning load oil.	
9/22/64		Returning load oil 26 B/D, 8 B/D water.	
9/24/64		Pumped 4 B/D load oil, 36 B/D formation oil, 0 B/D water.	
9/25/64		58 B/D oil, 3 B/D water, 0 sand.	
9/27/64		47 B/D oil, 3 B/D water, 5% cut.	

DIVISION OF OIL AND GAS
RECEIVED

OCT 13 1964

SANTA MARIA, CALIFORNIA

UNSCHEDULED

MUNGER SERVICE

3795
406
3389

ESTIMATED 45

5

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Report on Test of Water Shut-off

(FORMATION TESTER)

No. T 364-170

Mr. Rufus M Smith
P O Box 451
Ventura Calif 93002
 Agent for CONTINENTAL OIL CO

Santa Maria Calif.
September 14, 1964

DEAR SIR:

Your well No. "United California" 4, Sec. 14, T. 9 N., R. 33W., S.B. B & M.
Cat Canyon Field, in Santa Barbara County, was tested for water shut-off
 on September 11, 1964. Mr. E. R. Wilkinson, designated by the supervisor was present
 from 12:05 p.m. to 1:35 p.m. as prescribed by law; there were also present Mr. R. N. Crooks and
Mr. H. Holt, Drilling Foremen
 Shut-off data: 7 in. 26 lb. casing was cemented at 3435 ft.
 on September 10, 1964 in a 9 7/8 in. hole with 1500 cu. ft. sacks of cement
slurry (see below)

calculated to fill behind casing to the ft. below surface.
 Casing record of well: 7" cem. 3435', perf. 3360', W.S.O.

Present depth 3436 ft. cmt. bridge 3436 ft. to 3392 ft. Cleaned out cmt. - ft. to - ft. for test.
 A Johnston tester was run into the hole on 3 1/2 in. drill pipe-tubing,
 with - ft. of water-mud cushion, and packer set at 3319 ft. with tailpiece to 3334 ft.
 Tester valve, with 1/2 in. bean, was open for 1 hr. and - min. During this interval there was a
light blow for 3 minutes.

Mr. Crooks reported:

1. A 9 7/8" hole was drilled from the surface to 3436'.
2. On September 10, 1964, 7", 26 lb. casing was cemented at 3435' with 360 sacks of cement, plus 360 sacks of Pozzlan and 135 sacks of Silica flour, 7 sacks of NACE, 322 sacks of cement, 121 sacks of Silica flour and 8 sacks of CaCl₂.
3. Cement returned to the surface.
4. The 7" casing was perforated with four 1/2" holes at 3360'.
5. All except 60' of the drill pipe was removed and no fluid was recovered.

THE ENGINEER NOTED THE FOLLOWING:

1. When the remainder of the drill pipe was removed, 15' of normal drilling fluid was found above the tester.
2. The pressure bomb charts indicated that the tester functioned properly.

THE 7" SHUT-OFF AT 3360' IS APPROVED.

Map No.	Map Letter	Bond No.	Forms		
			116	114	121
			<u>9-14-64</u>		

ERW:ms

E. R. MURRAY-AARON

State Oil and Gas Supervisor

By Cecil L. Baston Deputy

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 361-350

Mr. Rufus M Smith
P O Box 451
Ventura Calif 93002
 Agent for CONTINENTAL OIL CO

Santa Maria Calif.
September 4 1964

DEAR SIR:

Your proposal to drill Well No. "United California" 4,
 Section 14, T. 9 N., R. 33 W., S. R. B. & M., Cat Canyon Field, Santa Barbara County,
 dated Sept. 2, 1964, received Sept. 3, 1964, has been examined in conjunction with records filed in this office.
 Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"Legal description of mineral-right lease, consisting of 270 acres, is as follows:
 W/2 of Section 14 excluding 50 acres in the SW/4 of said Section.

Do mineral and surface leases coincide? Yes.

Location of Well: 1650 feet South along section line and 990 feet East at right angles to said line from the Northwest corner of section 14.

Elevation of ground above sea level 717 feet U.S.G.S. topo datum.

All depth measurements taken from top of Kelly Bushing which is 11 feet above ground."

PROPOSAL:

"PROPOSED CASING PROGRAM

Size of Csg. In. A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
16"	65#	S.H.	0	40'	40' - 0'
7"	20#	J-55	0	3500'	3500' - 0
	26#	N-80			
5"	17.93	J-55	3500'	3900'	Gravel Pack

Intended zone of completion: Sisquoc 3900' - 3500'. Estimated total depth 3900'.

It is understood that if changes in this plan become necessary we are to notify you immediately."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Fluid consistent with good drilling practice shall be used, and the column of fluid maintained to the surface at all times, particularly while pulling the drill pipe.
2. Sufficient cement shall be pumped back of the 7" casing to fill to at least 200' above the base of the fresh-water sands.
3. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
4. THIS DIVISION SHALL BE NOTIFIED TO WITNESS a test of the 7" water shut-off.

Map No.	Map Letter	Bond No.	Forms		
			115	114	121
			<i>q-H-115</i>		

Blanket bond

CLB:ms

cc Santa Barbara Co. Oil Well Inspector

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By Cecil L. Baston, Deputy

SEP 3 1964

082-01705

SANTA MARIA, CALIFORNIA

DIVISION OF OIL AND GAS
Notice of Intention to Drill New Well
This notice and surety bond must be filed before drilling begins

Ventura, Calif. Sept. 2, 19 64

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. United California No. 4, Sec. 14, T. 9N, R. 33W, S.B. B. & M., Cat Canyon Field, Santa Barbara County.

Legal description of mineral-right lease, consisting of 270 acres, is as follows: W/2 of Section 14 excluding 50 acres in the SW/4 of said Section.

Do mineral and surface leases coincide? Yes X No If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1650 feet South along section line and 990 feet East at right angles to said line from the Northwest corner of section 14

Elevation of ground above sea level 717 feet U.S.G.S. topo datum.

All depth measurements taken from top of Kelly Bushing which is 11 feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
16"	65#	S.H.	0	40'	40' - 0'
7"	20# 26#	J-55 N-80	0	3500'	3500' - 0'
5"	15# 17.93	J-55	3500'	3900'	Gravel Pack

Intended zone(s) of completion: Sisquoc 3900' - 3500' Estimated total depth 3900'
(Name) (Depth, top and bottom)

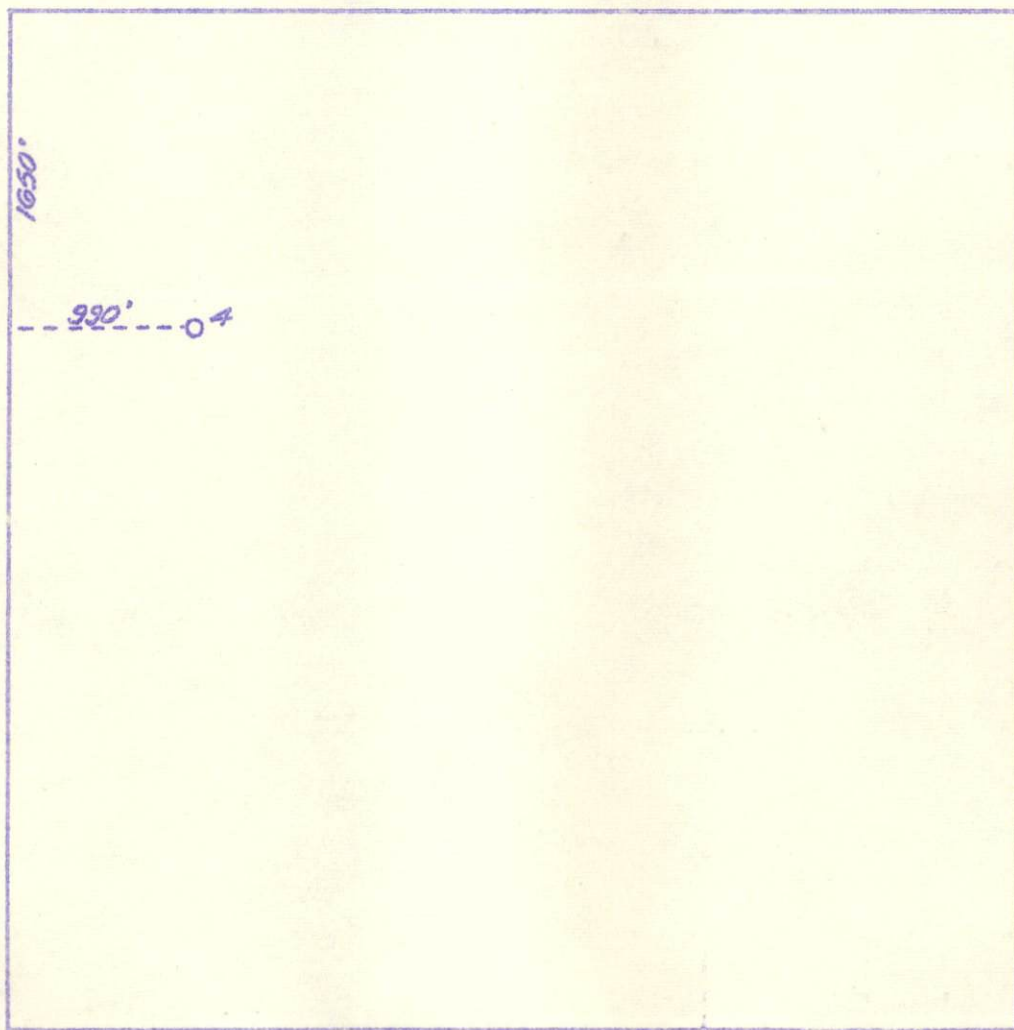
✓ DOG (Santa Maria WMS S.B. County File

Map No.	Map Letter	Bond No.	Forms		
			115	114	121
310	9-4-64	9-4-64		9-4-64	9-4-64

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address P. O. Box 451
Ventura, California 93002
Telephone Number 648-3241

Continental Oil Company
(Name of Operator)
By [Signature]
Agent
Type of Organization Corporation
(Corporation, Partnership, Individual, etc.)



SEC. 14 T9N R33W SBBM
SANTA BARBARA CO. CALIF.

DIVISION OF OIL AND GAS
RECEIVED
SEP 3 1964

CONTINENTAL OIL CO.
LOCATION PLAT
CALIFORNIA # 4

SANTA MARIA, CALIFORNIA